

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011321\
 Data File : VU041984.D
 Acq On : 13 Jan 2021 16:40
 Operator : SY/MD
 Sample : M1049-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ5DL

Quant Time: Jan 14 17:01:37 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 14 17:00:00 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

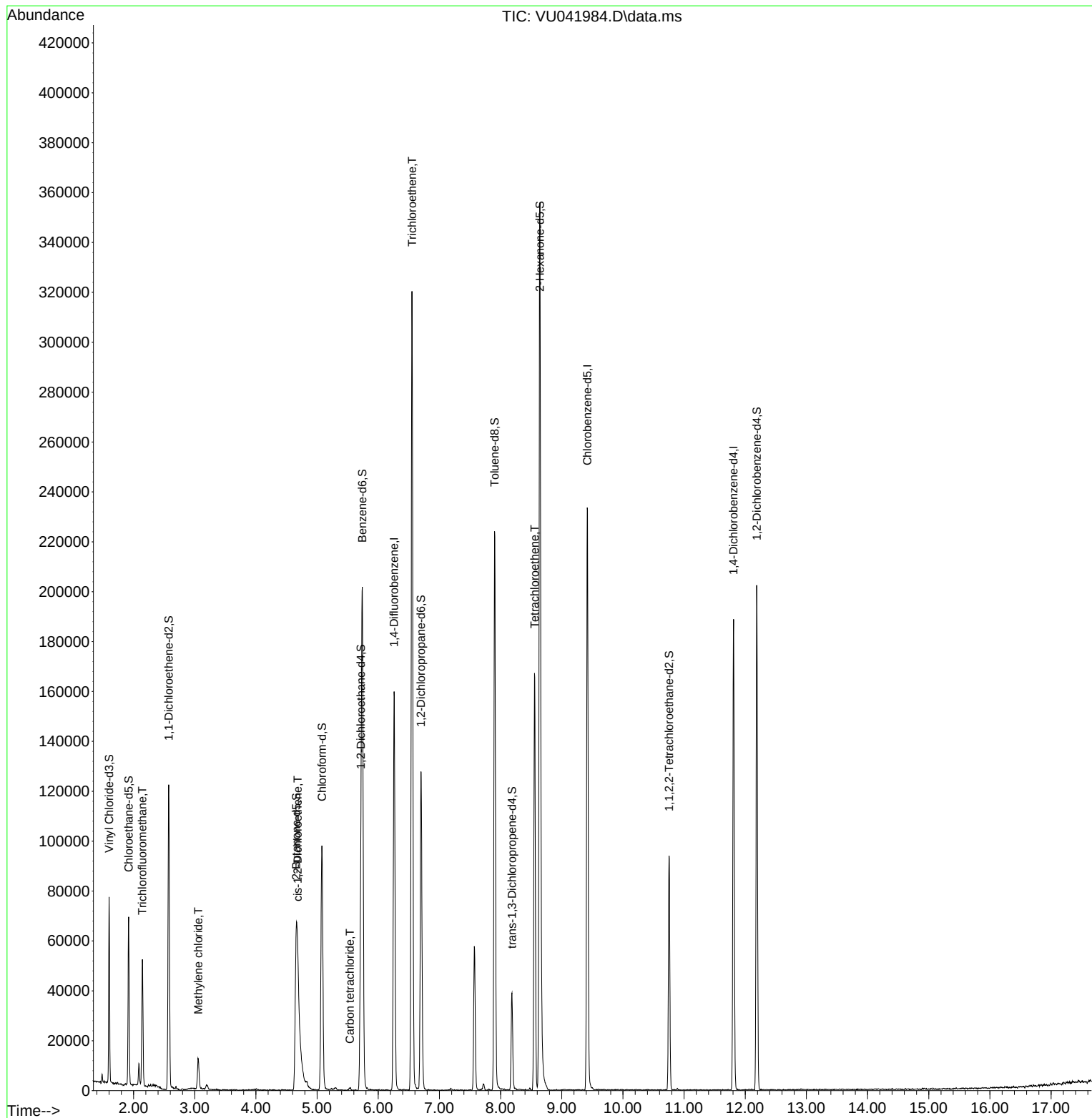
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	123948	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	132230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	50335	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	49307	5.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.40%
7) Chloroethane-d5	1.919	69	47683	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.575	63	74436	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.661	46	168506	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	5.079	84	94188	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.716	65	57123	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.738	84	181597	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.700	67	63277	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.20%
41) Toluene-d8	7.902	98	150358	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.60%
43) trans-1,3-Dichloroprop...	8.185	79	23592	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.642	63	139351	48.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.48%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	48165	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.188	152	49540	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	32233	1.74	ug/L	99
16) Methylene chloride	3.057	84	5748	0.51	ug/L	95
22) cis-1,2-Dichloroethene	4.684	96	4749	0.46	ug/L	87
31) Carbon tetrachloride	5.536	117	656	0.04	ug/L #	68
34) Trichloroethene	6.552	95	114583	9.37	ug/L	96
47) Tetrachloroethene	8.555	164	35483	4.48	ug/L	94

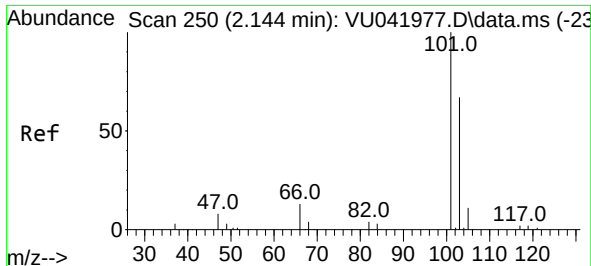
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jan 14 17:00:00 2021
Response via : Initial Calibration

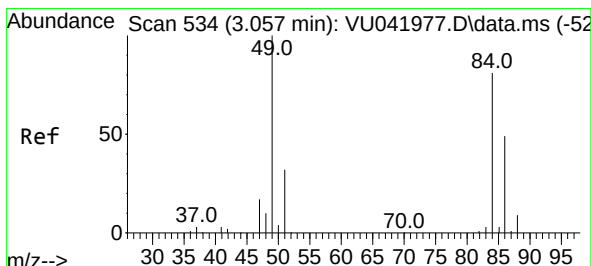
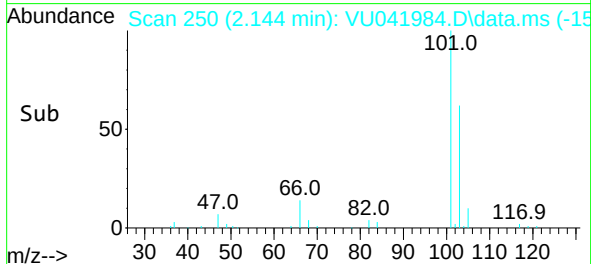
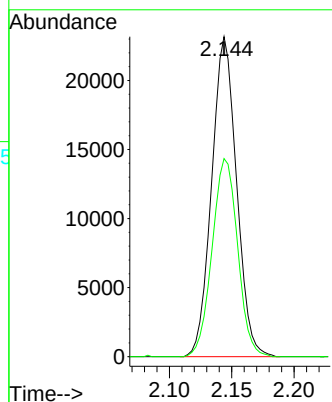
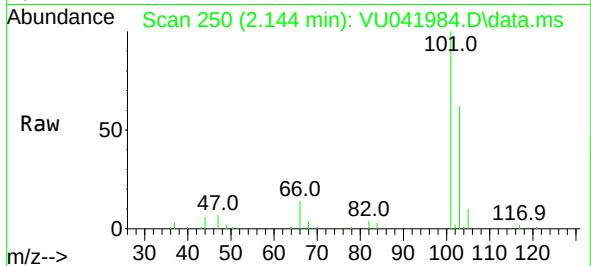




#9
Trichlorofluoromethane
Concen: 1.74 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

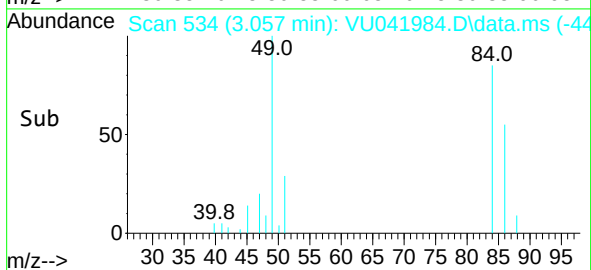
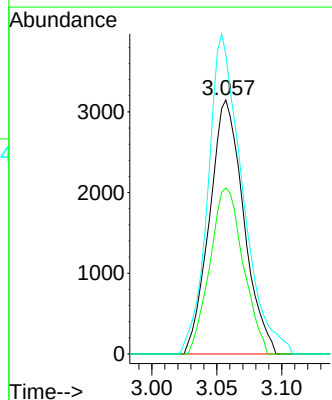
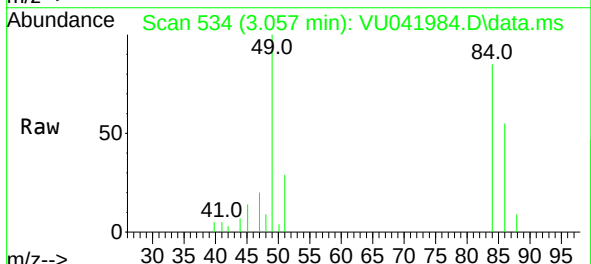
Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL

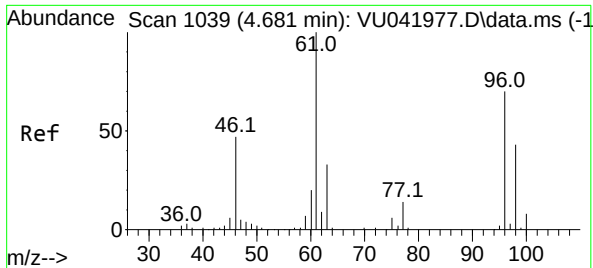
Tgt Ion:101 Resp: 32233
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4



#16
Methylene chloride
Concen: 0.51 ug/L
RT: 3.057 min Scan# 534
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 84 Resp: 5748
Ion Ratio Lower Upper
84 100
86 65.3 42.6 79.0
49 117.9 86.2 160.0





#22

cis-1,2-Dichloroethene

Concen: 0.46 ug/L

RT: 4.684 min Scan# 1040

Delta R.T. 0.003 min

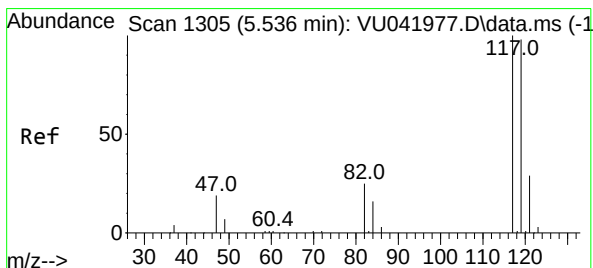
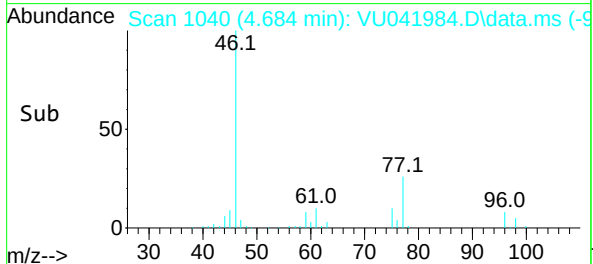
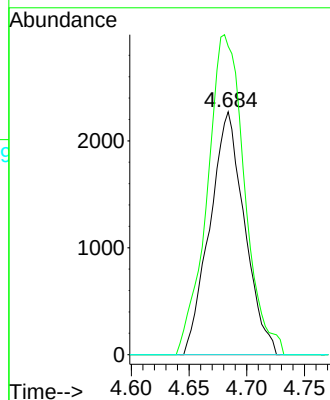
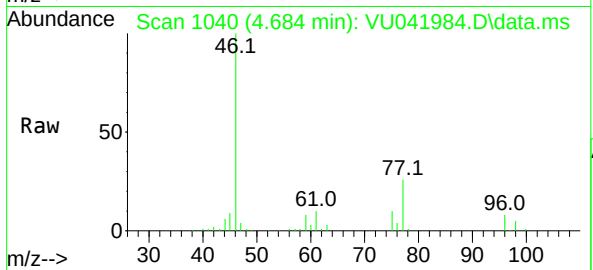
Lab File: VU041984.D

Acq: 13 Jan 2021 16:40

Tgt Ion: 96 Resp: 4749

Ion	Ratio	Lower	Upper
96	100		
61	127.0	100.3	186.3
68	0.0	0.0	0.0

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL



#31

Carbon tetrachloride

Concen: 0.04 ug/L

RT: 5.536 min Scan# 1305

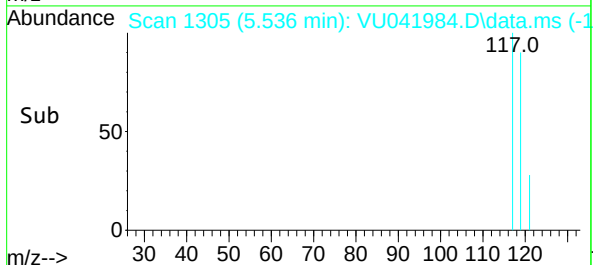
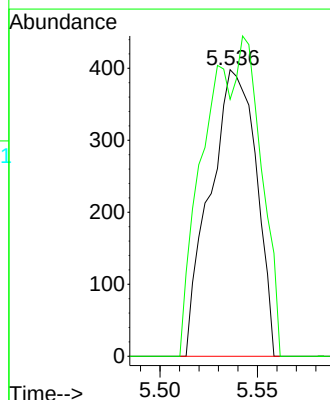
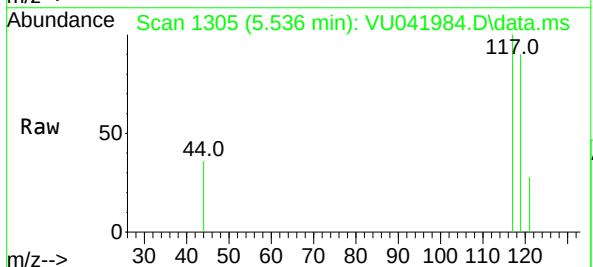
Delta R.T. -0.000 min

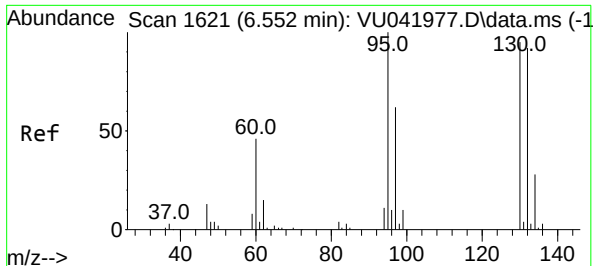
Lab File: VU041984.D

Acq: 13 Jan 2021 16:40

Tgt Ion: 117 Resp: 656

Ion	Ratio	Lower	Upper
117	100		
119	64.9	76.6	114.8#



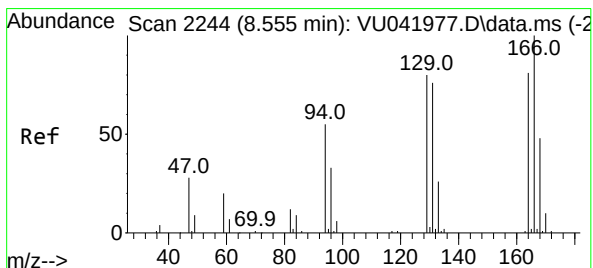
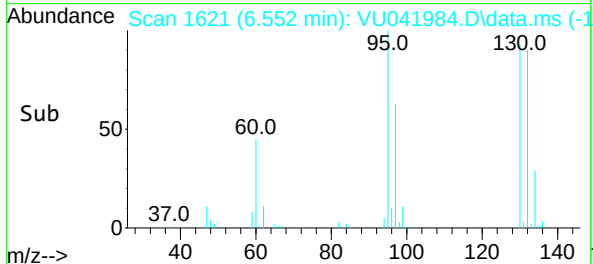
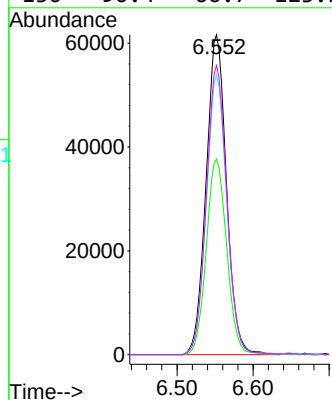
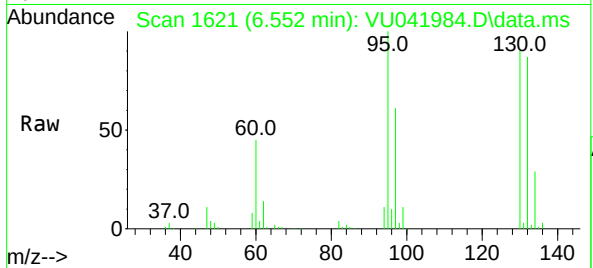


#34
Trichloroethene
Concen: 9.37 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :
C0AQ5DL

Tgt Ion: 95 Resp: 114583

Ion	Ratio	Lower	Upper
95	100		
97	61.2	43.6	81.0
132	87.4	64.3	119.3
130	90.4	66.7	123.9



#47
Tetrachloroethene
Concen: 4.48 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU041984.D
Acq: 13 Jan 2021 16:40

Tgt Ion: 164 Resp: 35483

Ion	Ratio	Lower	Upper
164	100		
129	102.9	68.7	127.5
131	101.2	65.2	121.0
166	128.4	86.2	160.0

